

Title (en)

OXYCOMBUSTION CIRCULATING FLUIDIZED BED REACTOR, METHOD OF OPERATING SUCH A REACTOR AND METHOD OF UPGRADING A CIRCULATING FLUIDIZED BED REACTOR

Title (de)

ZIRKULIERENDER WIRBELSCHICHTREAKTOR MIT SAUERSTOFFVERBRENNUNG, VERFAHREN ZUM BETRIEB SOLCH EINES REAKTORS UND VERFAHREN ZUR NACHRÜSTUNG EINES ZIRKULIERENDEN WIRBELSCHICHTREAKTORS

Title (fr)

RÉACTEUR À LIT FLUIDISÉ CIRCULANT À OXYCOMBUSTION, PROCÉDÉ D'EXPLOITATION D'UN TEL RÉACTEUR ET PROCÉDÉ DE MISE À NIVEAU D'UN RÉACTEUR À LIT FLUIDISÉ CIRCULANT

Publication

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Application

**EP 09796760 A 20091204**

Priority

- FI 2009050977 W 20091204
- FI 20086192 A 20081212

Abstract (en)

[origin: WO2010066947A1] An oxycombustion circulating fluidized bed reactor, comprising a reactor chamber (15) and a gas distribution arrangement (50) provided in the bottom section of the reactor chamber for introducing gas into the reactor chamber, which gas distributor arrangement comprises a windbox chamber having gas introduction nozzles, the gas introduction nozzles being arranged for introducing gas from the windbox chamber into the reactor chamber and having an inlet which opens into the windbox chamber, and a first gas feeding system (70) for introducing gas into the windbox chamber. The gas distributor arrangement (50) further comprises a second gas feeding system (80) for introducing gas into the wind box chamber in the vicinity of at least one nozzle inlet (62).

IPC 8 full level

**F23C 10/20** (2006.01)

CPC (source: EP FI KR US)

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